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# Curricular Affairs Committee Report #404

University of Rhode Island Faculty Senate

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### Recommended Citation

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April 3, 2002

***Faculty Senate Curricular Affairs Committee***

***Four Hundred Fourth Report***

*As approved by the Faculty Senate on April 18, 2002*

**At the Curricular Affairs Committee's meeting of April 1, 2002 the following matters were considered and are now presented to the Faculty Senate.**

**SECTION I**

**Informational Matters**

**A. College of Arts and Sciences**

**Department of Mathematics**

**CHANGE: Prerequisite for MTH 362 to "Pre: 142."**

**B. College of Human Science and Services**

**Department of Physical Education and Exercise Science**

**CHANGE: Title of Fitness/Wellness specialization to "Health Fitness."**

**C. Feinstein Center for Service Learning**

**ADD: The following courses to the list of service learning courses in the University Catalog. These courses will receive the "service learning" designation in accordance with Faculty Senate Bill #98-99--7 "The Three Hundred and Sixty-Eighth Report of the Curricular Affairs Committee" and Faculty Senate Bill #01-02--22 "The Four Hundred Second Report of the Curricular Affairs Committee: Section IV."**

**EDC 424 Teaching of Reading (service is optional)**

**EDC 429 Emergent Literacy (service is optional)**

**HPR 119 topic: Loss in the Lives of Children and Adolescents**

**HDF 434 Children and Families in Poverty**

**NUR 532 Primary Health Care I: Practicum**

**NUR 534 Primary Health Care II: Practicum**

**NUR 590 Directed Study and Practice in Advanced Clinical Nursing**

**Note: Specific topics in open-ended courses and temporary courses may carry the "service learning" designation but will not appear in the list of Service Learning courses in the University Catalog.**

## **SECTION II**

### **Curricular Matters that Require Confirmation by the Faculty Senate**

#### **A. College of Engineering**

##### **1. Department of Civil and Environmental Engineering**

###### **a. ADD: CVE 354 Structural Engineering (4)**

**Introduction to structural analysis and design, statically determinate systems, trusses, beams, frames, influence lines, deflections, conjugate beam, energy methods, statically indeterminate systems, force method, slope deflection, moment distribution, introduction to stiffness method. (Lec. 4) Pre: 220.**

###### **b. DELETE: The following courses:**

**1) CVE 352 Structural Analysis I (3)**

**2) CVE 353 Structural Analysis II (3)**

**3) CVE 397 Introduction to Civil Engineering Design (1)**

## **2. Department of Electrical Engineering**

### **ADD: ELE 325 Electrical Power Distribution Systems (3)**

Theory of 3-phase power systems, introduction to per unit system of analysis, distribution system components (transformers, lines, switch-gear, loads), system layout, analysis of unbalanced systems with symmetrical components. (Lec. 3) Pre: 212, PHY 204.

## **3. Department of Ocean Engineering**

**CHANGE: BS Curriculum in Ocean Engineering by deleting "CVE 381, 382" as option to CHE 333 and requiring "CHE 333."**

(This reduces credits for First Semester Junior Year to "15" and reduces credits for program to "128.")

## **B. College of the Environment and Life Sciences**

### **1. Department of Cell and Molecular Biology**

**ADD: Microbiology/Biotechnology option to the B.S. degree program in Microbiology:**

#### **Microbiology/Biotechnology option**

The general education and basic science course requirements for this option are those described above. Specific course requirements for the microbiology/ biotechnology option are MIC 190, MIC 211, MIC 333, BIO 341, BIO 437, MIC 413, MIC 415, MIC 499 and six additional credits of MIC or BCH. MIC 414, MIC 416 and MIC 495 are not required for students pursuing this option.

Internships (MIC 499) in this program are normally conducted with the cooperation of local members of the biotechnology industry and may be pursued on a full or part time basis. Students should be aware that internships may be limited in number and are awarded on a competitive basis. Students interested in this option should consult with their advisers early in their college career.

### **2. Department of Fisheries, Animal and Veterinary Sciences**

**ADD: The following courses:**

### **1) AFS 120 Introduction to Fisheries (2)**

**Introduction to international fishery issues, practices, patterns, and public policy based on readings and discussion in a tutorial setting. Concurrent registration in 121 required. (Lec. 2)**

### **2) AFS 121 Introduction to Fisheries Laboratory (1)**

**Introduction to local fisheries and selected nearshore fishery ecosystems; exposure to use and operation of exemplary fishing and sampling gears in local fresh waters and estuaries. Concurrent registration in 120 required. (Lab. 3)**

### **3. Environmental Sciences**

**ADD: EVS 366 Communicating Environmental Research and Outreach (2)**

**Value and techniques of communicating scientific research and outreach efforts. Focus on technical and communication skill development. Student must be engaged in a personal research or outreach experience. (Seminar) Pre: Permission of instructor; by override only.**

### **C. College of Human Science and Services**

#### **1. Entire College**

**ADD: The following new paragraph between "Repeating Courses for Credit" and "Transfer Students:"**

**Curricular Modifications. In consultation with the advisor and with the approval of the department chairperson and or appropriate unit chairperson, a student will be permitted to modify the normal requirements of the department in which the student is majoring. The decision of the department or unit chair is final. Requirements outside the major may be modified only with approval of the Scholastic Standing Committee of the College of Human Science and Services. Petition forms are available in the Office of the Dean. Minimum quality point average and total credit requirements are not petitionable.**

## **2. Department of Human Development and Family Studies**

**a. CHANGE: Description of Joint Dental Hygiene Program by replacing paragraph 8 to read as follows:**

**In accordance with URI regulations, at least half (63) of the required 125 credits must be earned at a four-year institution. Program requirements for entry to the CCRI Dental Hygiene Program include successful completion of the following courses: BIO 121; DHY 100; WRT 101; Math (any URI general education math); CHM 103, 105 and CHM 124, 126. Other requirements include CPR certification (American Heart Association healthcare provider card), hepatitis B vaccination, and a cumulative grade point average of 2.00 or better.**

**b. ADD: The following new courses (formerly specific topics under HDF 298 or HDF 498):**

### **1) HDF 190 First Year Leaders Inspired to Excellence (2)**

**Leadership development course focusing on leadership theories, personal and academic adjustment issues, civic leadership and community service and basic communication skills. Core requirement for the minor in leadership studies (Lec. 2) Concurrent enrollment in URI 101.**

### **2) HDF 290 Modern Leadership Issues (3)**

**Introductory leadership class. Topics include basic leadership theories, international governance/economic systems, critical thinking, and leadership in: US education; community service organizations; families; diverse workplaces. Core option for the leadership studies minor. (Lec. 3)**

## **3. Department of Textiles, Fashion Merchandising and Design**

**a. CHANGE: Description of requirements for transferring to the Textile Marketing major:**

**Freshmen who complete minimum of 27 credits with an overall grade point average of 3.0 or higher and who complete BAC 110 and 120 (or their equivalents CSC 101 and MTH 131) with a 'B' or**

higher will be admitted to the College of Human Science and Services at the end of the freshman year. Students who have a minimum of 42 credits; a grade point average of 2.40 or higher, and who have successfully (with an average of 2.40 or higher) completed BAC 110, 120, 201 (or their equivalents CSC 101, MTH 131, STA 308), ACC 201 and ECN 201 after the first semester of the sophomore year will be admitted to the College of Human Science and Services. Students not meeting these requirements may be eligible to transfer to TMD.

**b. CHANGE: Description of Art minor to read:**

Students with an interest in apparel design or interior design should consider a minor in art. The requirements for an Art minor are determined by the Art Department, and consist of 18 credits of any Art or Art History courses, 12 credits of which must be at the 200 level or above. The overall URI requirements for a minor apply (see page X). Courses particularly appropriate to TMD can be determined by consultation with TMD and Art faculty.

**c. CHANGE: Description of requirements for transferring into Textiles, Fashion Merchandising and Design:**

Students must have completed 24 credits, have an overall 2.0 gpa, and have completed CHM 103, 105, TMD 103 and the general education mathematics requirement with a 2.0 average to transfer to the College of Human Science and Services. (The same requirements apply to students wishing to transfer into TMD from other majors.)

### **SECTION III**

#### **Joint Report of the Curricular Affairs Committee and Graduate Council**

#### **on 400-level Courses**

At the April 1, 2002 meeting of the Curricular Affairs Committee and the February 8 and March 29, 2002 meetings of the Graduate Council the following matters were considered and are now presented to the Faculty Senate.

## **A. Informational Matters**

### **1. College of Arts and Sciences**

#### **Department of Sociology and Anthropology**

**CHANGE: Title and description for SOC 413:**

#### **SOC 413 Gender Inequality (3)**

**Development of gender inequality. Critique of various theories explaining inequality. Sociological interpretation of theories of gender.**

### **2. College of Engineering**

#### **\*Department of Electrical Engineering**

**CHANGE: Description and prerequisite for ELE 400:**

#### **ELE 400 Introduction to Professional Practice (1)**

**Engineering Ethics. Discussions with faculty, visiting engineers, and invited speakers on ethical, social, economic, and safety considerations in engineering practice; career planning; graduate study. (Lec. 1) Pre: junior or senior standing in electrical, computer, or biomedical engineering. Not for graduate credit.**

## **B. Curricular Matters that Require Confirmation by the Faculty Senate.**

### **1. College of Arts and Sciences**

#### **Department of Sociology and Anthropology**

**CHANGE: Number of credits for SOC 497 to "3-6" and description by adding "May be taken for 3 or 6 credits. A maximum of six credits may be earned."**

### **2. College of Engineering**

#### **\*Department of Electrical and Computer Engineering**



**CHANGE: Credits for ELE 491, 492 and 493 to "1-3" and add "Not for graduate credit."**

**\*No action by Graduate Council. Not for graduate credit.**

### **3. College of the Environment and Life Sciences**

**Department of Environmental and Natural Resources Economics**

**CHANGE: Level, number, title and description for REN 341:**

#### **REN 441 (341) Markets, Trade and Natural Resources (3)**

**Analysis of the role of markets in the valuation, management, and distribution of natural resources (esp. fish); price analysis; international trade; channels of distribution; commodity futures and options markets; marketing information; regulations and controls; cooperative marketing. (Lec) Pre: 105 or ECN 201 or permission of instructor.**

### **4. College of Human Science and Services**

**\*Department of Human Development and Family Studies**

**ADD: The following new course (formerly specific topic under HDF 498):**

#### **HDF 492 Leadership Minor Portfolio (1)**

**Preparation of portfolios required for graduation with minor in leadership studies. (Seminar) pre: enrollment in leadership studies minor.**

**\*No action by Graduate Council. Not for graduate credit.**

### **5. Simultaneous Courses**

**ADD: The following new section 8.30.20 to the UNIVERSITY MANUAL:**

**8.30.20 Simultaneous Courses. Departments may offer courses at the 400-level and 500-level taught simultaneously to both undergraduates and graduate students. In such a case students**

**must register for the course under either its 400 number or its 500 number. For approval at two levels course proposals must demonstrate appropriate differences to the satisfaction of both the Curricular Affairs Committee and the Graduate Council. To be approved at both levels courses must differ substantially in requirements and expectations of students. Assignments, examinations, projects and analyses should require a greater depth of understanding, sophistication and skills for students registered under the 500 number than for those registered under the 400 number.**